

DO NOT ENTER.

SM 7/28/05

AMENDMENTS TO THE CLAIMS

1 1. (Canceled).

1 2. (Currently Amended) A method for managing changes in a computer system, the
2 method comprising the steps of:

3 storing, in a storage space, undo information for removing changes that are being
4 made to data by a plurality of entities, wherein application of the undo
5 information returns the data to which the changes were made to a state of the
6 data that existed prior to the changes, wherein the undo information for each
7 entity of the plurality of entities is stored in a segment of a plurality of
8 segments within said storage space;

9 monitoring usage of the storage space by the entities;

10 wherein each segment of the plurality of segments is a partition of said storage space,

11 and is pre-allocated for storing undo information for entities to which that
12 segment will be assigned;

13 wherein said step of storing undo information includes at least assigning each entity

14 ~~with~~to a segment for storing the undo information of the entity ~~based on the~~
15 ~~usage;~~ and

16 automatically adjusting at least one of the number of segments in the plurality of
17 segments, and the sizes of the plurality of segments based on the usage.

1 3. (Previously Presented) The method of Claim 54, further comprising the steps of:
2 establishing a maximum amount of the storage space; and